

## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: MINH-CHAU PHAM Examiner #: 73506 Date: 10/13/00  
 Art Unit: 1724 Phone Number 308-1605 Serial Number: 10,086,221  
 Mail Box and Bldg/Room Location: CP3-5A05 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

\*\*\*\*\*

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: VACUUM CLEANER BAG DOCKING ASSEMBLY

Inventors (please provide full names): WILLIAM G. FISH  
CHARLES F. MAWNE

Earliest Priority Filing Date: 06/30/98

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

THIS IS A REISSUE APPLICATION.

PLEASE CHECK TO SEE WHETHER THE PATENT  
 (PATENT NO. 6,033,451) OR THE REISSUE  
 APPLICATION # 10/086,221 IS INVOLVED  
 IN ANY LITIGATION?

THANK YOU!

EXR. PHAM

308-1605

CRYSTAL PLAZA 3

5TH FLOOR

ROOM # 5A05

No Litigation Reported

## STAFF USE ONLY

Searcher: ALBISAN

Searcher Phone #: 8-4483

Searcher Location: 7

Date Searcher Picked Up: 10/12

Date Completed: 10/12

Searcher Prep & Review Time: 22

Clerical Prep Time:

Online Time: 10

## Type of Search

NA Sequence (#)

AA Sequence (#)

Structure (#)

Bibliographic

Litigation ✓

Fulltext

Patent Family

Other

## Vendors and cost where applicable

STN

Dialog

Questel/Orbit 36.451

Dr.Link

Lexis/Nexis 40.00

Sequence Systems

WWW/Internet

Other (specify)

**Current session 18/10/2002**

(C) QUESTEL 1994

QUESTEL.ORBITE (TM) 1998

18/10/02 16\*08\*24

Last connection: 17/10/02 20\*40\*35

WELCOME to QUESTEL.ORBITE- Your Guide to INTELLECTUAL PROPERTY  
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- New Trademark file names, format & fields - INFO COMPU-MARK  
- EPAPAT contains all unique EPTEXT data. EPTEXT file removed  
- New Patent Citation Commands: easy & precise - INFO PATCITE  
- USAPPS Reloaded: Pricing, see INFO USAPPS  
- USPCL: US Patent Class Definition Look-up File - INFO USPCL  
..FILE / ..INFO / ..GUIDE

**Query/Command : FILE PLUSPAT**

QUESTEL - Time in minutes : 0,70

The cost estimation below is based on Questel's  
standard price list

	Estimated cost :	0.60 USD
Cost estimated for the last database search :		0.60 USD
Estimated total session cost	:	0.60 USD

Selected file: PLUSPAT

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Comprehensive Worldwide Patents database

New Patent Citation Commands &amp; FAM Citation Report - see INFO PATCITE

Last update of file: 2002/10/10 (YYYY/MM/DD) 2002-40/UP (basic update)

Search statement 1

**Query/Command : US6033451/PN****\*\* SS 1: Results 1**

Search statement 2

**Query/Command : PRT FULL NONSTOP LEGALALL**

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1/1 PLUSPAT - ©QUESTEL-ORBIT

PN - US6033451 A 20000307 [US6033451]  
TI - (A) Vacuum cleaner bag docking assembly  
PA - (A) ORECK HOLDINGS LLC (US)  
IN - (A) FISH WILLIAM G (US); MALONE CHARLES F (US)  
AP - US10771098 19980630 [1998US-0107710]  
PR - US10771098 19980630 [1998US-0107710]  
IC - (A) A47L-005/28  
EC - A47L-009/14  
PCL - ORIGINAL (O) : 055374000; CROSS-REFERENCE (X) : 015350000 015351000  
055376000 055377000 055378000 055DIG002  
DT - Corresponding document  
CT - US4381192; US4539026; US4591369; US4678486; US4738697; US5028245;  
US5064455; US5089038; US5092915; US5226941; US5230724; US5464460;  
US5544385; US5688298; US5820643  
STG - (A) United States patent  
AB - For use with vacuum cleaner bags of the type having a substantially rigid collar  
surrounding the bag opening, and with vacuum cleaners of the type having a dirty air  
outlet nozzle, a vacuum bag docking assembly is shown and described. The assembly  
incorporates an anchor member having a central opening for closely receiving the dirty air  
outlet nozzle. The assembly also incorporates a mounting member which engages the  
collar on the vacuum bag to secure the bag to the bag mounting member. The bag  
mounting member is pivotally connected to the anchor member, and moves between a  
loading position in which the bag can be inserted or removed from the mounting member,  
and a working position in which the bag opening engages the dirty air outlet nozzle.  
UP - 2000-10

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1/1 LGST - ©LEGSTAT

PN - US 6033451 [US6033451]  
AP - US 107710/98 19980630 [1998US-0107710]  
DT - US-P  
ACT - 19980630 US/AE-A  
APPLICATION DATA (PATENT)  
US 107710/98 19980630 [1998US-0107710]  
  
20000307 US/A  
PATENT  
  
20010227 US/CC  
CERTIFICATE OF CORRECTION  
  
20020528 US/RF  
REISSUE APPLICATION FILED  
20020227  
UP - 2002-24

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1 / 1 CRXX - ©CLAIMS/RRX

PN - 6,033,451 A 20000307 [US6033451]  
PA - Oreck Holdings LLC  
ACT - 20020227 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 20020528  
REISSUE REQUEST NUMBER: 10/086221  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1724

Reissue Patent Number:

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1 / 3 PAST - ©Thomson Derwent

AN - 200222-001908  
PN - 6033451 A [US6033451]  
OG - 2002-05-28  
ACT - REISSUE APPLICATION FILED

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2 / 3 PAST - ©Thomson Derwent

AN - 200110-000163  
PN - 6033451 A [US6033451]  
OG - 2001-03-06  
ACT - CERTIFICATE OF CORRECTION

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3 / 3 PAST - ©Thomson Derwent

AN - 200109-000163  
PN - 6033451 A [US6033451]  
OG - 2001-02-27  
ACT - CERTIFICATE OF CORRECTION

Query/Command : FILE INPADOC

PLUSPAT - Time in minutes : 0,61  
The cost estimation below is based on Questel's  
standard price list

Estimated cost :	1.34 USD
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Estimated cost :	1.10 USD
Cost estimated for the last database search :	2.44 USD
Estimated total session cost :	3.04 USD

LGST - Time in minutes : 0,05  
The cost estimation below is based on Questel's  
standard price list

Estimated cost : 0.05 USD

Records displayed and billed : 1  
Estimated cost : 0.57 USD  
Cost estimated for the last database search : 0.62 USD  
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CRXX - Time in minutes : 0,04  
The cost estimation below is based on Questel's  
standard price list

Estimated cost : 0.06 USD  
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Estimated cost : 5.00 USD  
Cost estimated for the last database search : 5.06 USD  
Estimated total session cost : 8.72 USD

PAST - Time in minutes : 0,09  
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standard price list

Estimated cost : 0.17 USD  
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Estimated cost : 16.83 USD  
Cost estimated for the last database search : 17.00 USD  
Estimated total session cost : 25.72 USD

LITA - Time in minutes : 0,00  
The cost estimation below is based on Questel's  
standard price list  
Estimated total session cost : 25.72 USD

Selected file: INPADO

You are now connected to INPADO  
Covers 1968/1973 thru weekly updates (2002-41)  
For information on content, ..INFO INPD.

Search statement 1

**Query/Command : FAM US6033451/PN**

1 Patent Groups

**\*\* SS 1: Results 6**

Search statement 2

**Query/Command : FAMSTATE NONSTOP**

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1/6 INPADO - ©INPADO

PN - AU 42260/99 A1 20000117 [AU9942260]  
TI - VACUUM CLEANER BAG DOCKING ASSEMBLY  
IN - FISH WILLIAM G; MALONE CHARLES F  
PA - ORECK HOLDINGS LLC  
AP - AU 42260/99-A 19990601 [1999AU-0042260]  
PR - US 107710/98-A 19980630 [1998US-0107710]  
WO 9912114/99(US)-W 19990601 [1999WO-US12114]  
IC - A47L-009/14

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2 / 6 INPADOC - ©INPADOC

PN - EP 1091680 A1 20010418 [EP1091680]  
TI - VACUUM CLEANER BAG DOCKING ASSEMBLY  
LA - ENG  
IN - FISH WILLIAM G [US]; MALONE CHARLES F [US]  
PA - ORECK HOLDINGS LLC [US]  
AP - EP 99926102/99-A 19990601 [1999EP-0926102]  
PR - WO 9912114/99(US)-W 19990601 [1999WO-US12114]  
US 107710/98-A 19980630 [1998US-0107710]  
IC - A47L-009/14  
DS - DE\* FR\* GB\* IT\*

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1 / 1 LEGALI - ©LEGSTAT

PN - EP 1091680 [EP1091680]  
AP - EP 99926102/99 19990601 [1999EP-0926102]  
DT - EP-P  
ACTE - 19990601 EP/AE-A  
EP-APPLICATION  
EP 99926102/99 19990601 [1999EP-0926102]

20010418 EP/AK-A1 [+]  
DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH  
REPORT:  
DE FR GB IT

20010418 EP/A1 [+]  
PUBLICATION OF APPLICATION WITH SEARCH REPORT

20010418 EP/17P [+]  
REQUEST FOR EXAMINATION FILED  
20001221

20010613 EP/RIN1  
INVENTOR (CORRECTION)  
FISH, WILLIAM, G. \* MALONE, CHARLES, F.

20020807 EP/17Q [+]  
FIRST EXAMINATION REPORT  
20020621

UP - 2002-32

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*3 / 6 INPADOC - ©INPADOC*

PN - JP 2002519086 T2 20020702 [JP2002519086]  
AP - JP 2000556663/00-A 19990601 [2000JP-0556663]  
PR - US 107710/98-A 19980630 [1998US-0107710]  
WO 9912114/99(US)-W 19990601 [1999WO-US12114]  
IC - A47L-009/14

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*4 / 6 INPADOC - ©INPADOC*

PN - US 6033451 A 20000307 [US6033451]  
TI - VACUUM CLEANER BAG DOCKING ASSEMBLY  
IN - FISH WILLIAM G [US]; MALONE CHARLES F [US]  
PA - ORECK HOLDINGS LLC [US]  
AP - US 107710/98-A 19980630 [1998US-0107710]  
PR - US 107710/98-A 19980630 [1998US-0107710]  
IC - A47L-005/28

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PN - US 6033451 [US6033451]  
AP - US 107710/98 19980630 [1998US-0107710]  
DT - US-P  
ACTE - 19980630 US/AE-A  
APPLICATION DATA (PATENT)  
US 107710/98 19980630 [1998US-0107710]

20000307 US/A  
PATENT

20010227 US/CC  
CERTIFICATE OF CORRECTION

20020528 US/RF  
REISSUE APPLICATION FILED  
20020227

UP - 2002-24

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5 / 6 INPADOC - ©INPADOC

PN - WO 200000074 A1 20000106 [WO200000074]  
TI - VACUUM CLEANER BAG DOCKING ASSEMBLY  
LA - ENG  
IN - FISH WILLIAM G; MALONE CHARLES F  
PA - ORECK HOLDINGS LLC [US]  
AP - WO US 9912114/99(US)-A 19990601 [1999WO-US12114]  
PR - US 107710/98-A 19980630 [1998US-0107710]  
IC - A47L-009/14  
DS - AL\* AM\* AT\* AU\* AZ\* BA\* BB\* BG\* BR\* BY\* CA\* CH\* CN\* CU\* CZ\* DE\* DK\*  
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KZ\* LC\* LK\* LR\* LS\* LT\* LU\* LV\* MD\* MG\* MK\* MN\* MW\* MX\* NO\* NZ\*  
PL\* PT\* RO\* RU\* SD\* SE\* SG\* SI\* SK\* SL\* TJ\* TM\* TR\* TT\* UA\* UG\* UZ\*  
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1 / 2 LEGALI - ©LEGSTAT

PN - JP 556663/2000  
AP - JP 556663/2000 0 [2000JP-0556663]  
DT - JP-A  
ACTE - 20001221 JP/REFW-P  
CORRESPONDS TO PCT APPLICATION  
<WO 200000074> WO200000074  
UP - 2002-09

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2 / 2 LEGAL - ©LEGSTAT

PN - WO 200000074 [WO200000074]  
AP - WO 9912114/99(US) 19990601 [1999WO-US12114]  
DT - WO-P  
ACTE - 19990601 WO/AE-A  
APPLICATION DATA  
WO 9912114/99(US) 19990601 [1999WO-US12114]

20000106 WO/AK-A1 [+]  
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REPORT  
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GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG  
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UZ VN YU ZA ZW

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CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN  
GW ML MR NE SN TD TG

20000106 WO/A1 [+]  
PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE  
INTERNATIONAL SEARCH REPORT

20000301 WO/121  
EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN  
THIS APPLICATION

20000413 WO/DFPE  
REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION  
OF 19TH MONTH FROM PRIORITY DATE

20001221 WO/ENP-A  
ENTRY INTO THE NATIONAL PHASE IN:  
<JP 00556663>

20010503 WO/REG; DE/8642 [-]  
DE: IMPACT ABOLISHED FOR DE  
<DE>

UP - 2002-09

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6 / 6 INPADOC - ©INPADOC

PN - WO 200027390 A1 20000518 [WO200027390]  
TI - IONIC SILVER COMPLEX  
LA - ENG  
IN - NEWMAN IRA JAY [US]; WASHBURN DAVID [US]  
PA - NEWMAN IRA JAY [US]; WASHBURN DAVID [US]  
AP - WO US 9926223/99(US)-A 19991105 [1999WO-US26223]  
PR - US 107710/98-A1 19981109 [1998US-0107710]  
IC - A61K-031/28; A61K-047/12; A61K-047/18; A01N-037/36  
DS - AE\* AL\* AM\* AT\* AU\* AZ\* BA\* BB\* BG\* BR\* BY\* CA\* CH\* CN\* CR\* CU\* CZ\*  
DE\* DK\* DM\* EE\* ES\* FI\* GB\* GD\* GE\* GH\* GM\* HR\* HU\* ID\* IL\* IN\* IS\* JP\*  
KE\* KG\* KP\* KR\* KZ\* LC\* LK\* LR\* LS\* LT\* LU\* LV\* MA\* MD\* MG\* MK\*  
MN\* MW\* MX\* NO\* NZ\* PL\* PT\* RO\* RU\* SD\* SE\* SG\* SI\* SK\* SL\* TJ\* TM\*  
TR\* TT\* TZ\* UA\* UG\* US\* UZ\* VN\* YU\* ZA\* ZW\* GH GM KE LS MW SD SL SZ  
TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB  
GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

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1 / 3 LEGALI - ©LEGSTAT

PN - JP 580619/2000  
AP - JP 580619/2000 0 [2000JP-0580619]  
DT - JP-A  
ACTE - 20010509 JP/REFW-P  
CORRESPONDS TO PCT APPLICATION  
<WO 200027390> WO200027390  
UP - 2002-09

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2 / 3 LEGALI - ©LEGSTAT

PN - AU 200014701 [AU200014701]  
AP - AU 200014701 - [2000AU-0014701]  
DT - AU-A5  
ACTE - 20000217 AU/REFW-P  
COMPLETE PCT APPLICATION FILED  
<WO 200027390> [WO200027390]  
UP - 2001-08

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3 / 3 LEGALI - ©LEGSTAT

PN - WO 200027390 [WO200027390]  
AP - WO 9926223/99(US) 19991105 [1999WO-US26223]  
DT - WO-P  
ACTE - 19991105 WO/AE-A  
APPLICATION DATA  
WO 9926223/99(US) 19991105 [1999WO-US26223]

20000217 WO/ENP-A  
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20000518 WO/AK-A1 [+]  
DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH  
REPORT  
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FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
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20000518 WO/AL-A1 [+]  
DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED  
APPLICATION WITH SEARCH REPORT  
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GN GW ML MR NE SN TD TG

20000518 WO/A1 [+]  
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20000712 WO/121  
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THIS APPLICATION

20000803 WO/DFPE  
REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION  
OF 19TH MONTH FROM PRIORITY DATE

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ENTRY INTO THE NATIONAL PHASE IN:  
<JP 00580619>

20010913 WO/REG; DE/8642 [-]  
DE: IMPACT ABOLISHED FOR DE  
<DE>

UP - 2002-09

PATNO IS 6033451

DATE: OCTOBER 18, 2002  
LIBRARY: PATENT  
FILE: ALL

Your search request is:  
PATNO IS 6033451

Number of PATENTS found with your search request through:  
LEVEL 1... 1

Your search request has found 1 PATENT through Level 1.  
To DISPLAY this PATENT press either the KWIC, FULL, CITE or SEGMENTS key.  
To MODIFY your search request, press the M key (for MODIFY) and then the ENTER key.

For further explanation, press the H key (for HELP) and then the ENTER key.

LEVEL 1 - 1 PATENT

1. 6033451 , March 7, 2000 , Vacuum cleaner bag docking assembly , Fish, William G., Gulfport, MS; Malone, Charles F., New Bern, NC, 00107710 (00), Oreck Holdings, LLC, Cheyenne, WY

CORE TERMS: bag, dirty, nozzle, outlet, mounting, vacuum, collar, anchor, vacuum cleaner, docking ...

LEVEL 1 - 1 OF 1 PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6033451

<=1> GET 1st DRAWING SHEET OF 6

March 7, 2000

Vacuum cleaner bag docking assembly

REISSUE: February 27, 2002 - Reissue Application filed Ex. Gp.: 1724; Re. S.N. 10/086,221 May 28, 2002

CERT-CORRECTION: February 27, 2001, a Certificate of Correction was issued for this patent

APPL-NO: 00107710 (00)

FILED-DATE: June 30, 1998

GRANTED-DATE: March 7, 2000

CORE TERMS: bag, dirty, nozzle, outlet, mounting, vacuum, collar, anchor, vacuum cleaner, docking ...

ENGLISH-ABST:

For use with vacuum cleaner bags of the type having a substantially rigid collar surrounding the bag opening, and with vacuum cleaners of the type having a dirty air outlet nozzle, a vacuum bag docking assembly is shown and described. The assembly incorporates an anchor member having a central opening for closely receiving the dirty air outlet nozzle. The assembly also incorporates a mounting member which engages the collar on the vacuum bag to secure the bag to the bag mounting member. The bag mounting member is pivotally connected to the anchor member, and moves between a loading position in which the bag can be inserted or removed from the mounting member, and a working position in which the bag opening engages the dirty air outlet nozzle.

6033451 OR 6,033,451

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.